




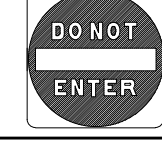
NO.	DATE	DESCRIPTION
1	10/20/2021	1. JACB Comments
2	10/20/2021	2. Revised and Resubmitted
3	10/20/2021	3. Revised and Resubmitted
4	10/20/2021	4. Responses to City Comments
5	10/20/2021	5. Responses to City Comments
6	10/20/2021	6. Responses to City Comments
7	10/20/2021	7. Responses to City Comments

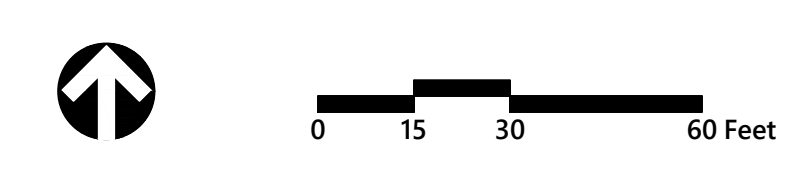
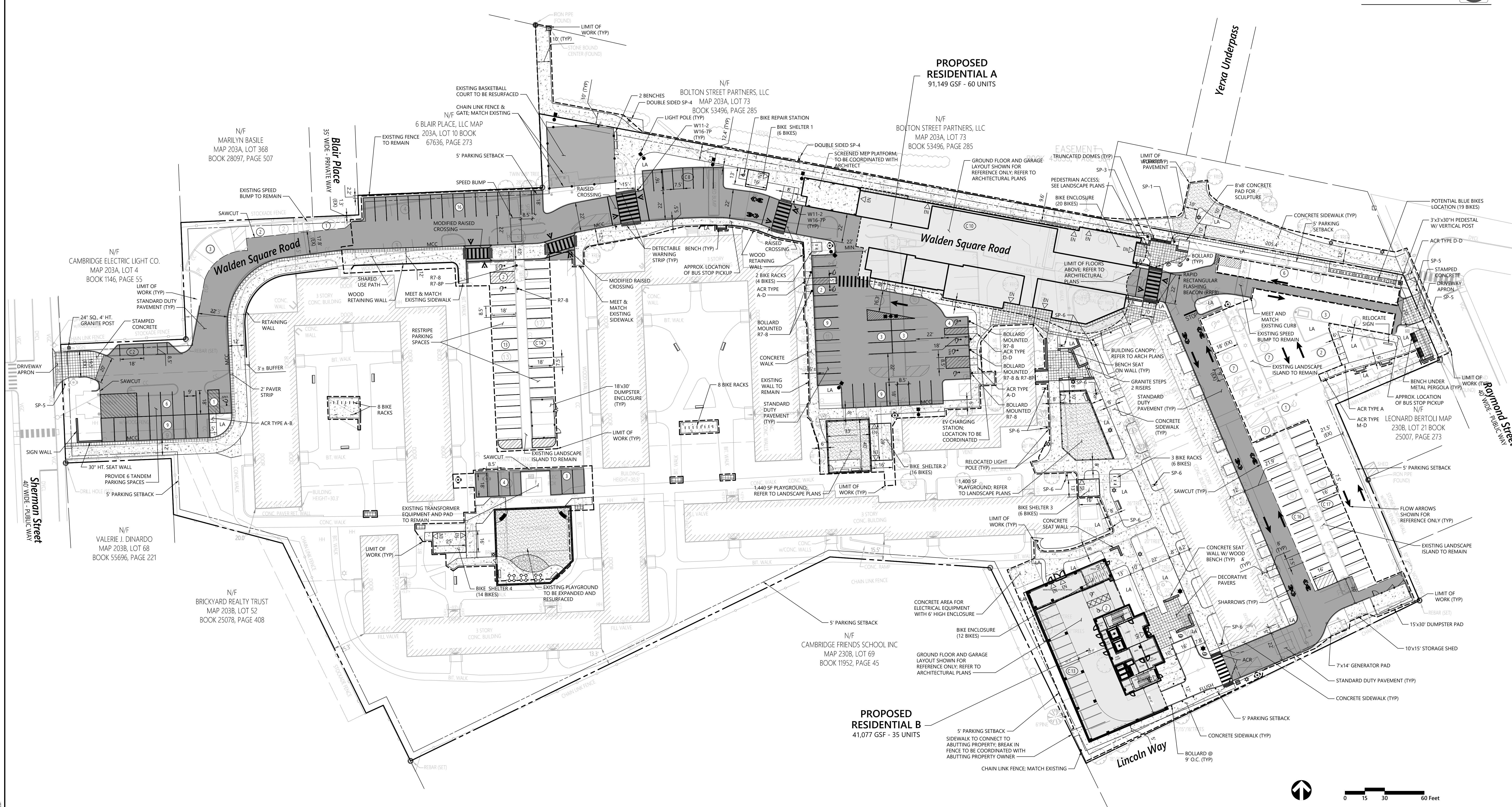
ORIGINAL ISSUE:
07/30/2021

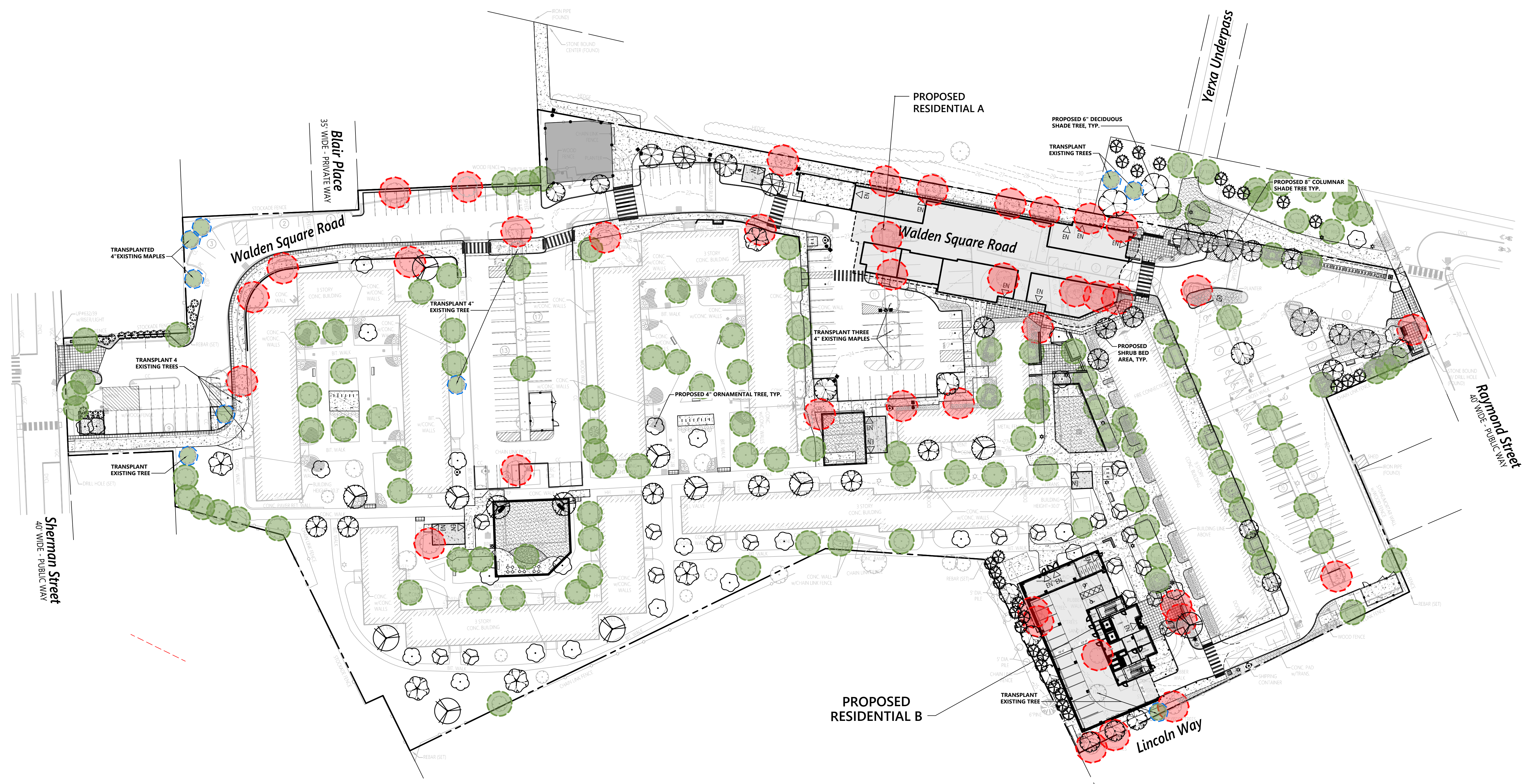
SCALE: 1" = 30'

LAYOUT AND MATERIALS PLAN
C3.00

Sign Summary

M.U.T.C.D. Number	Specification	Width	Height	Desc.
R7-8		12"	18"	
R7-8P		12"	6"	
SP-1	"CYCLISTS TO DISMOUNT AND WALK BIKE"	12"	18"	
SP-2	Directional/way finding signage - TBD	12"	18"	
SP-3	"KEEP RIGHT FOR CONNECTION TO BOLTON STREET & SHERMAN STREET"	12"	18"	
SP-4	"CROSS HERE FOR CONNECTION TO SHERMAN STREET"	12"	18"	
SP-5		12"	18"	
SP-6		12"	18"	
RS-1		30"	30"	





Symbol Key

- EXISTING TREES TO BE PRESERVED
- EXISTING TREES TO BE REMOVED
- TRANSPLANTED EXISTING TREES
- PROPOSED 6" DECIDUOUS SHADE TREES
- PROPOSED 4" DECIDUOUS SHADE TREES
- PROPOSED 4" ORNAMENTAL TREES
- PROPOSED 3" ORNAMENTAL TREES
- PROPOSED 12' HT EVERGREEN TREE (4" CAL.)
- PROPOSED 7' HT EVERGREEN TREE (2" CAL.)
- BS** LONG TERM BIKE SHELTER
- BR** SHORT TERM BIKE RACK

Tree Removal / Replacements

39 TREES TO BE REMOVED
586 CALIPER INCHES OF TREES TO BE REMOVED

20 TREES * HAVE BEEN DONATED AND INSTALLED ** 40 CAL. INCHES
546 CALIPER INCHES REQ.

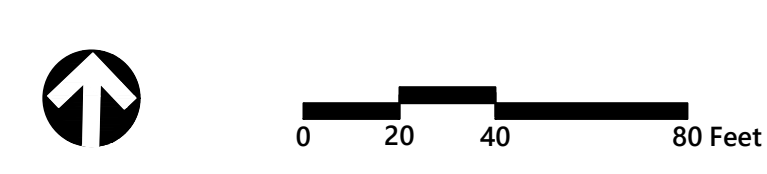
* 2" CALIPER ASSUMED
** 6 DONATED TREES NOT FOUND

152 PROPOSED TREES		
51	4" DECIDUOUS SHADE TREES	204 CAL. IN.
6	6" DECIDUOUS SHADE TREES	36 CAL. IN.
21	3" ORNAMENTAL TREES	63 CAL. IN.
24	4" ORNAMENTAL TREES	96 CAL. IN.
28	12' HT. EVERGREEN TREES	112 CAL. IN.
20	6' HT. EVERGREEN TREES	40 CAL. IN.
TOTAL		547 CALIPER INCHES PROPOSED

Bike Parking Summary Chart

Description	Size	Capacity
BIKE SHELTER 1	16 x 13	6
BIKE SHELTER 2	16 x 28	16
BIKE SHELTER 3	16 x 13	6
BIKE SHELTER 4	16 x 25	14
BIKE ENCLOSURE IN BUILDING A	18 x 30	20
BIKE ENCLOSURE IN BUILDING B	15 x 21	12
EXTERIOR BIKE RACKS		10
TOTAL SPACES		84

AHO REQUIREMENTS:
1.00 space per unit for the first 20 units in a building.
1.05 spaces per unit for additional units.
Building A: 54 Units 20+36 = 56 required
Building B: 42 Units 20+24 = 44 required
Required Long Term Bicycle Spaces = 98 Spaces
72 Spaces* 74 Provided
**includes 28-space reduction per Section 11.207.6.4 of the AHO zoning bylaws*
Required Short Term Bicycle Spaces = 10 Spaces 10 Provided



PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
SHRUBS					
DL	36	Diervilla lonicera	Dwarf Bush Honeysuckle	2 - 2 1/2' HT.	36" o.c.
IGB	104	Ilex glabra 'Gem Box'	Gem Box Inkberry	2 - 2 1/2' HT.	36" o.c.
JBH	31	Juniperus horizontalis 'Bar Harbor'	Bar Harbor Creeping Juniper	18 - 24" SPD	30" o.c.
JW	20	Juniperus horizontalis 'Wiltonii'	Blue Rug Juniper	18 - 24" SPD	36" o.c.
KLS	88	Kalmia latifolia 'Sarah'	Sarah Mountain Laurel	2 - 2 1/2' HT.	36" o.c.
KLP	29	Kalmia latifolia Pink Charm	Pink Charm Mountain Laurel	2 - 2 1/2' HT.	36" o.c.
LF	32	Leucothoe fontanesiana Silver Run	Silver Run Drooping Leucothoe	18 - 24" SPD	36" o.c.
POL	63	Physocarpus opulifolius 'Podaras 3' TM	Lemon Candy Dwarf Ninebark	18 - 24" SPD	30" o.c.
VA	15	Viburnum acerifolium	Mapleleaf Viburnum	2 - 2 1/2' HT.	36" o.c.
VC	6	Viburnum carlesii	Korean Spice Viburnum	2 - 2 1/2' HT.	42" o.c.
ORNAMENTAL GRASSES					
CKF	41	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	#2 POT	30" o.c.
PVS	251	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	#2 POT	30" o.c.
PVC	45	Panicum virgatum 'Cheyenne Sky'	Cheyenne Sky Switch Grass	#2 POT	24" o.c.
PERENNIALS					
AD	78	Aster divaricatus	White Wood Aster	#1 POT	30" o.c.
DP	328	Dennstaedtia punctilobula	Hay-scented Fern	#1 POT	30" o.c.
HHR	47	Hemerocallis x 'Happy Returns'	Happy Returns Dwarf Daylily	#1 POT	18" o.c.
HRR	28	Hemerocallis x 'Rosy Returns'	Rosy Returns Daylily	#1 POT	18" o.c.
IVB	78	Iris versicolor	Blue Flag Iris	#2 POT	24" o.c.
GROUND COVERS					
ALP	128	Astilbe chinensis 'Little Vision in Pink'	Little Vision in Pink Astilbe	#1 POT	12" o.c.
DM	1,217	Dryopteris marginalis	Marginal Wood Fern	#1 POT	12" o.c.
LBB	670	Liriope muscari 'Big Blue'	Big Blue Lilyturf	#2 POT	18" o.c.
RLS	736	Rudbeckia x 'Little Suzy'	Little Suzy Coneflower	#1 POT	12" o.c.

PLANT SCHEDULE

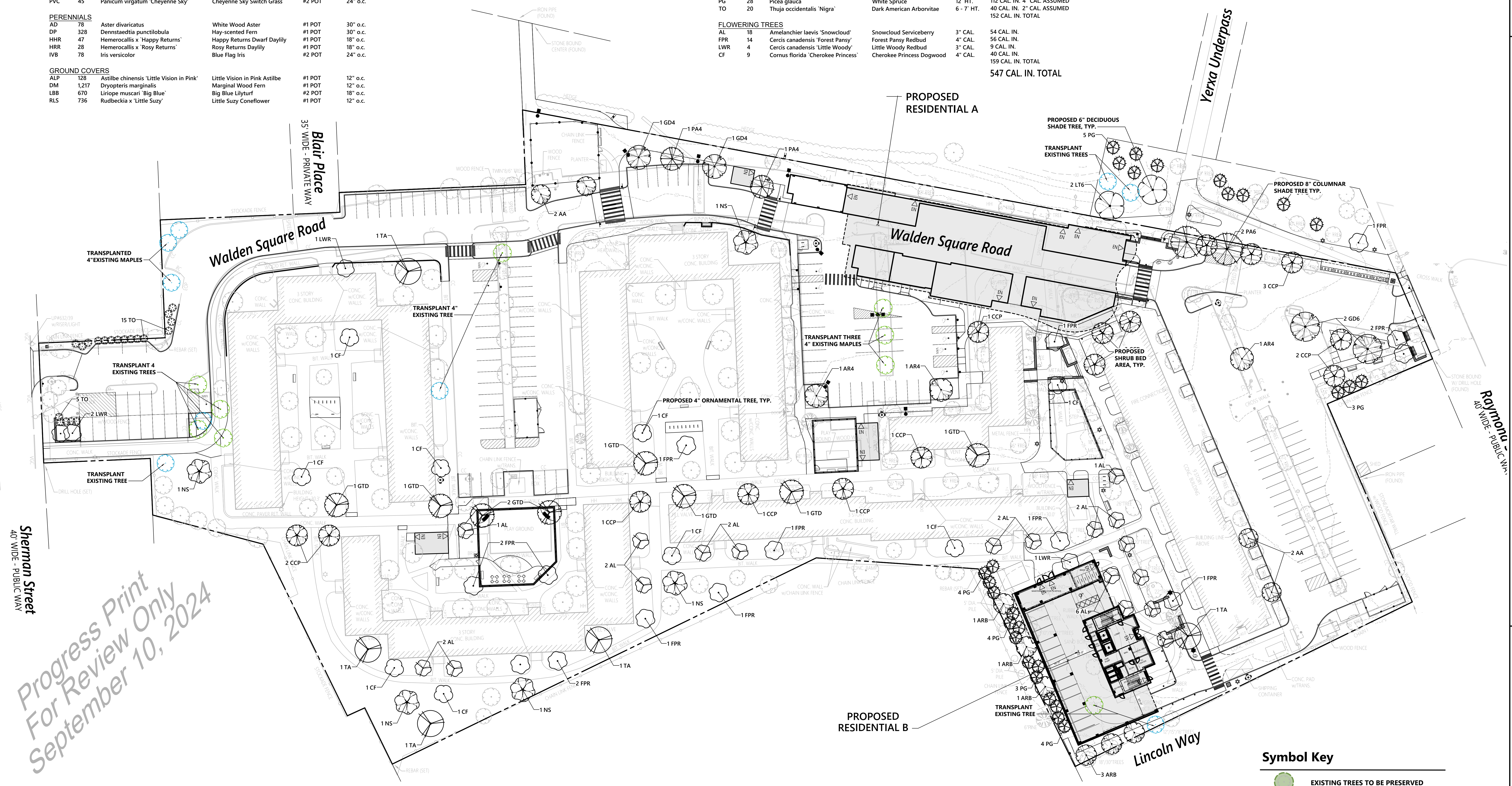
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
DECIDUOUS TREES				
AA	4	Acer rubrum 'Armstrong'	Armstrong Red Maple	4" CAL. 16 CAL. IN.
ARB	6	Acer rubrum 'Bowhall'	Bowhall Red Maple	4" CAL. 24 CAL. IN.
ARA	3	Acer rubrum 'October Glory'	October Glory Maple	4" CAL. 12 CAL. IN.
CCP	15	Carpinus caroliniana Palisade	Palisade American Hornbeam	4" CAL. 60 CAL. IN.
GTD	8	Gleditsia triacanthos inermis 'Draves'	Street Keeper® Honey Locust	4" CAL. 32 CAL. IN.
GD4	2	Gymnocladus dioicus 'Espresso'	Kentucky Coffeetree	4" CAL. 8 CAL. IN.
GD6	2	Gymnocladus dioicus 'Espresso'	Kentucky Coffeetree	6" CAL. 12 CAL. IN.
LT6	2	Liriodendron tulipifera	Tulip Poplar	6" CAL. 12 CAL. IN.
NS	5	Nyssa sylvatica 'Wildfire'	Wildfire Tupelo	4" CAL. 20 CAL. IN.
PA4	2	Platanus acerifolia	London Planetree	4" CAL. 8 CAL. IN.
PA6	2	Platanus acerifolia	London Planetree	6" CAL. 12 CAL. IN.
TA	5	Tilia americana	Basswood	4" CAL. 20 CAL. IN.
EVERGREEN TREES				
PG	28	Picea glauca	White Spruce	12' HT. 112 CAL. IN. 4" CAL. ASSUMED
TO	20	Thuja occidentalis 'Nigra'	Dark American Arborvitae	6 - 7' HT. 40 CAL. IN. 2" CAL. ASSUMED
FLOWERING TREES				
AL	18	Amelanchier laevis 'Snowcloud'	Snowcloud Serviceberry	3" CAL. 54 CAL. IN.
FPR	14	Cercis canadensis 'Forest Pansy'	Forest Pansy Redbud	4" CAL. 56 CAL. IN.
LWR	4	Cercis canadensis 'Little Woody'	Little Woody Redbud	3" CAL. 9 CAL. IN.
CF	9	Cornus florida 'Cherokee Princess'	Cherokee Princess Dogwood	4" CAL. 40 CAL. IN.

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** 6 DONATED TREES NOT FOUND



Progress Print
For Review Only
September 10, 2024

Tree Protection

- EXISTING TREES TO REMAIN SHALL BE PROTECTED WITH TEMPORARY CONSTRUCTION FENCE. ERECT FENCE AT EDGE OF THE TREE DRIPLINE PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL NOT OPERATE VEHICLES WITHIN THE TREE PROTECTION AREA. CONTRACTOR SHALL NOT STORE VEHICLES OR MATERIALS, OR DISPOSE OF ANY WASTE MATERIALS, WITHIN THE TREE PROTECTION AREA.
- DAMAGE TO EXISTING TREES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY A CERTIFIED ARBORIST AT THE CONTRACTOR'S EXPENSE.

Planting Notes

- ALL PROPOSED PLANTING LOCATIONS SHALL BE STAKED AS SHOWN ON THE PLANS FOR FIELD REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL BELOW GRADE AND ABOVE GROUND UTILITIES AND NOTIFY OWNER'S REPRESENTATIVE OF CONFLICTS.
- NO PLANT MATERIALS SHALL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY CONFLICT.
- A 3-INCH DEEP MULCH PER SPECIFICATION SHALL BE INSTALLED UNDER ALL TREES AND SHRUBS, AND IN ALL PLANTING BEDS, UNLESS OTHERWISE INDICATED ON THE PLANS, OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
- ALL TREES SHALL BE BALLED AND BURLAPPED, UNLESS OTHERWISE NOTED IN THE DRAWINGS OR SPECIFICATION, OR APPROVED BY THE OWNER'S REPRESENTATIVE.
- FINAL QUANTITY FOR EACH PLANT TYPE SHALL BE AS GRAPHICALLY SHOWN ON THE PLAN. THIS NUMBER SHALL TAKE PRECEDENCE IN CASE OF ANY DISCREPANCY BETWEEN QUANTITIES SHOWN ON THE PLANT LIST AND ON THE PLAN. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE NUMBER OF PLANTS SHOWN ON THE PLANT LIST AND PLANT LABELS PRIOR TO BIDDING.

Plant Maintenance Notes

- CONTRACTOR SHALL PROVIDE COMPLETE MAINTENANCE OF THE LAWNS AND PLANTINGS. NO IRRIGATION IS PROPOSED FOR THIS SITE. THE CONTRACTOR SHALL SUPPLY SUPPLEMENTAL WATERING FOR NEW LAWNS AND PLANTINGS DURING THE ONE YEAR PLANT GUARANTEE PERIOD.
- CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, AND EQUIPMENT FOR THE COMPLETE LANDSCAPE MAINTENANCE WORK. WATER SHALL BE PROVIDED BY THE CONTRACTOR.
- WATERING SHALL BE REQUIRED DURING THE GROWING SEASON, WHEN NATURAL RAINFALL IS BELOW ONE INCH PER WEEK.
- WATER SHALL BE APPLIED IN SUFFICIENT QUANTITY TO THOROUGHLY SATURATE THE SOIL IN THE ROOT ZONE OF EACH PLANT.
- CONTRACTOR SHALL REPLACE DEAD OR DYING PLANTS AT THE END OF THE ONE YEAR GUARANTEE PERIOD. CONTRACTOR SHALL TURN OVER MAINTENANCE TO THE FACILITY MAINTENANCE STAFF AT THAT TIME.

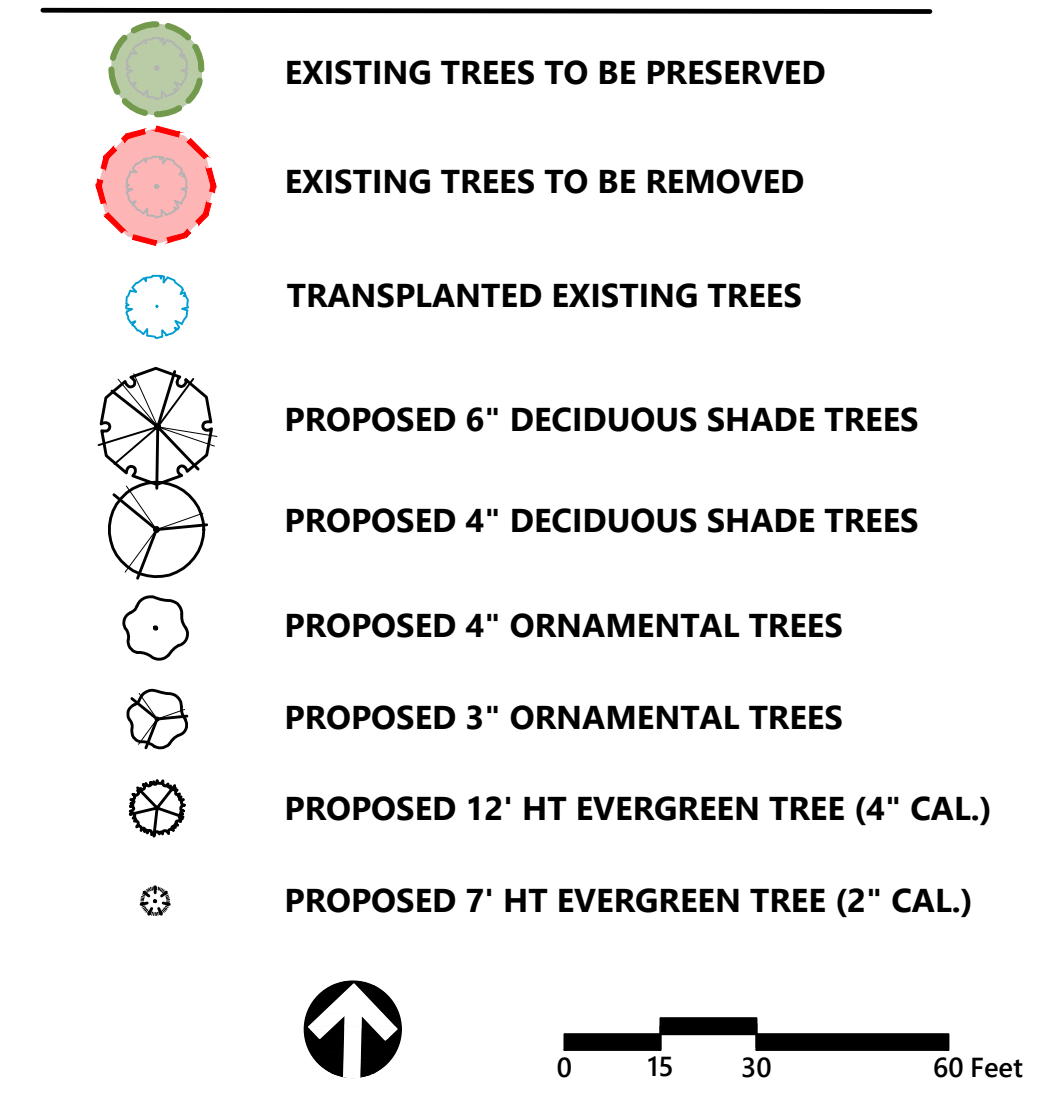
Plant List

- Note:
Plants shall be a selection of the following materials:
- Shrubs**
Clethra 'Hummingbird' - Summersweet
Ilex glabra 'Shamrock' - Inkberry Holly
Ilex verticillata 'Red Sprite' - Winterberry
Rhododendron canadense 'Albiflorum'
Rhododendron Przewitzkii - Azalea
Kalmia latifolia 'Sarah' - Mountain Laurel
Physocarpus opulifolius 'Little Devil' - Dwarf Ninebark
Viburnum acerifolium - Mapleleaf Viburnum
- Perennial/Groundcover**
Aster novi-belgii 'Woods Pink' - New York Aster
Iris versicolor - Blue Flag Iris
Juniperus horizontalis 'Bar Harbor'
Juniperus communis 'Green Carpet'
Rudbeckia fulgida 'Little Suzy' - Black-Eyed Susan
Liriope muscari 'Big Blue' - Lilyturf
Pennisetum alopecuroides 'Hameln' - Fountain Grass
Calamagrostis x acutiflora 'Karl Foerster' - Feather Reed Grass
Eragrostis spectabilis - Purple Love Grass
Panicum virgatum 'Shenandoah' - Switch Grass
Dennstaedtia punctilobula - Hayscented Fern

Plant List

- Ornamental trees**
Amelanchier laevis 'Snowcloud' - Serviceberry
Cercis canadensis 'Little Wood' - Redbud
Cornus x rutgensensis 'Constellation' - Dogwood
Cornus florida 'Cherokee Princess' - Dogwood
Crataegus crus-galli inermis - Thornless Cockspur Hawthorn
Syringa reticulata 'Ivory Silk' - Japanese Tree Lilac
- Evergreen Trees**
Thuja occidentalis 'Nigra' - Dark American Arborvitae (6 - 7' HT.)
- Shade Trees**
Acer rubrum 'October Glory' - Red Maple
Acer rubrum 'Bowhall' - Bowhall Red Maple
Betula nigra 'Heritage' - River Birch
Ulmus parviflora - Elm

Symbol Key



PCA

ARCHITECT
PCA, INC.
221 Hampshire Street
Cambridge, MA 02139
617-547-8120

OWNER
WINN COMPANIES
One Washington St #500
Boston, MA 02108
617-742-4500

CIVIL ENGINEER
VHB
101 Walnut Street
PO Box 9151
Walden, MA 02471
617-924-1770

VHB PROJECT: #15190.00

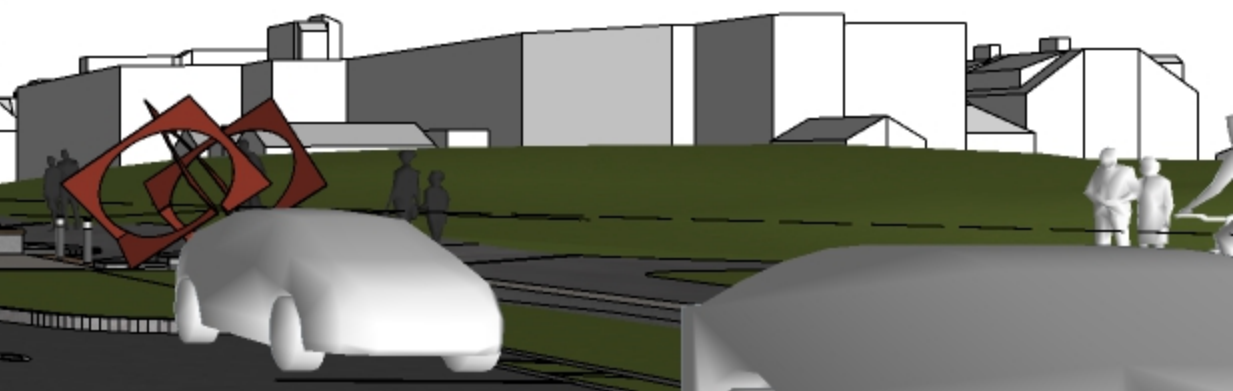
WALDEN SQ APARTMENTS
Cambridge, MA 02140

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3	10/24/2021	10/24/2021	10/24/2021	10/24/2021	10/24/2021
4	10/24/2021	10/24/2021	10/24/2021	10/24/2021	10/24/2021
5	10/24/2021	10/24/2021	10/24/2021	10/24/2021	10/24/2021
6	10/24/2021	10/24/2021	10/24/2021	10/24/2021	10/24/2021
7	10/24/2021	10/24/2021	10/24/2021	10/24/2021	10/24/2021

ORIGINAL ISSUE: 07/30/2021
SCALE: 1" = 40'

TREE PLANTING PLAN

L2.01







Hardie Panel Examples



West End Yards



McElwain Apartments



Edge



Hattie Kelton Apartments

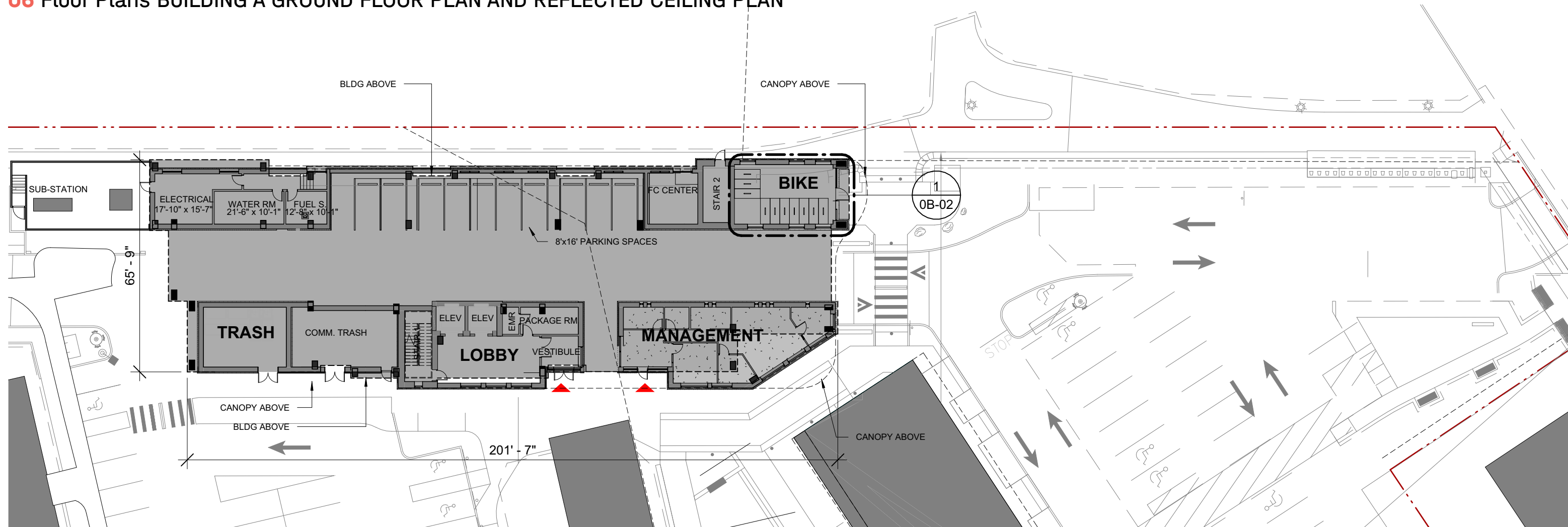


Hattie Kelton Apartments

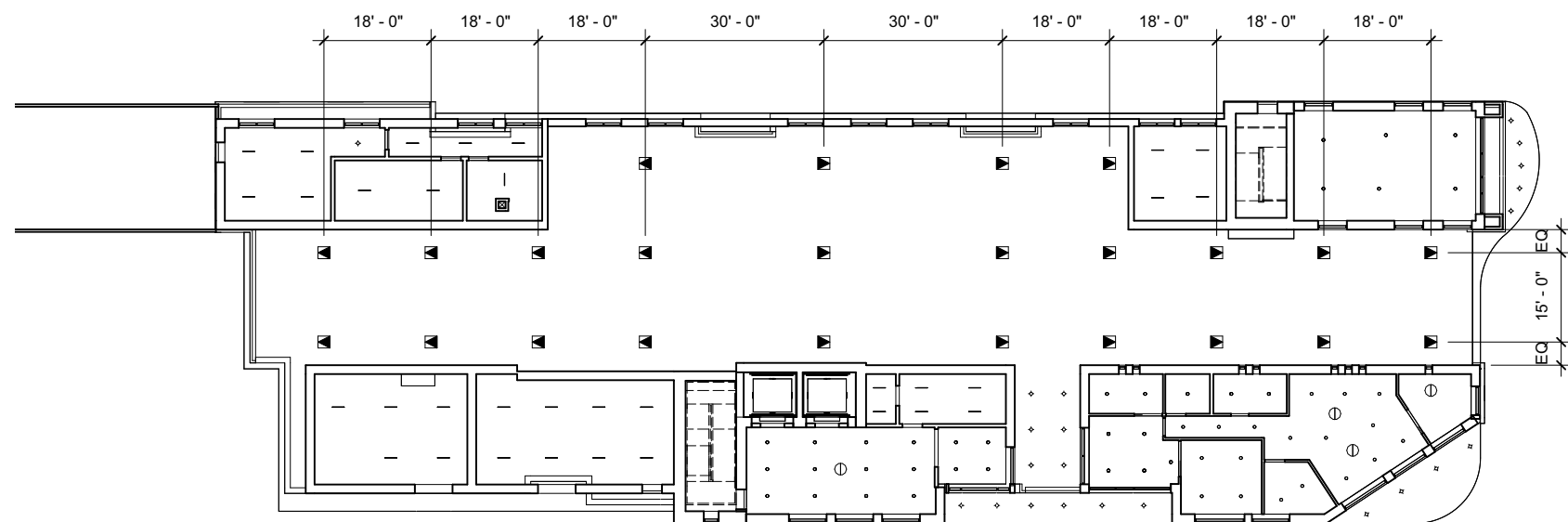


900 Beacon Ave.

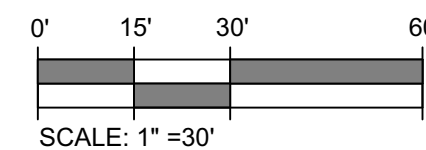
06 Floor Plans BUILDING A GROUND FLOOR PLAN AND REFLECTED CEILING PLAN



GROUND FLOOR



GROUND FLOOR RCP





Proposed Bike Shelters
Walden Square Apartments
Cambridge, MA

SECTION 10 73 43

BICYCLE SHELTERS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Bicycle shelter(s) – Haven Model

1.2 REFERENCES

- A. ASTM A 1008/A – Standard Specification for Steel Bars, Carbon and Alloy, Cold-Finished.
- B. ASTM B 209 – Standard Specification for Aluminum and Aluminum-alloy Sheet and Plate.
- C. ASTM B 221 – Standard Specification for Aluminum and Aluminum-alloy Extruded Bars, Rods, Wire, Profiles and Tubes.
- D. ASCE 7-05 – Minimum Design Loads for Buildings and Other Structures.
- E. ICC/ANSI A 117.1 – Accessible and Usable Buildings and Facilities.
- F. IBC – International Building Code.
- G. Americans with Disabilities Act of 1990 (ADA). As amended by Public Law 101-336 (2009)
- H. AISC Publications:
 - 1. Code of Standard Practice for Steel Buildings and Bridges.
 - 2. Specification for the Design, Fabrication, and Erection of Structural Steel for Buildings, including Commentary.
 - 3. Structural Welding Code – Steel.

1.3 DESIGN REQUIREMENTS

- A. Basic Wind Speed: ___ mph. Upgrades available to meet all hurricane zone requirements.
- B. Exposure Category: ___: Upgrades available to meet all exposure categories.
- C. Basic Snow Load: ___ psf. Upgrades available to meet all snow load requirements.
- D. Seismic Design – per local codes. Upgrades available to meet any zone requirement.
- E. Column to concrete footing / concrete pad connection to be in compliance with OSHA Steel Erection Standard CFR – which requires a minimum of four (4) anchor bolts per column.
- F. No onsite welding shall be required or permitted.

1.4 SUBMITTALS

- A. Product Data: Submit manufacturer's product data, including materials, components, finish and all accessories and equipment furnished.

- B. Shop Drawings: Submit manufacturer's shop drawings, including plans, elevations, sections and details, dimensions, anchorage, fasteners and locations, flashing and seal details if applicable, finish, and options.
- C. Erection Drawings: Submit manufacturer's instructions and drawings, and develop erection procedures to enable field installation and repair.
- D. Manufacturer's Project References: Submit list of completed projects including project name and location and type of shelters manufactured.
- E. Warranty: Submit manufacturer's standard warranty.

1.5 QUALITY ASSURANCE

- A. Manufacturer's Qualifications:
 1. Continuously engaged in Steel Shelter manufacturing with a minimum of 10 years successful experience.
 2. Able to demonstrate successful performance on comparable projects.
 3. Responsible for all components, including structural design.
 4. All welding performed by AWS certified welders and inspected by AWS certified inspectors.
- B. Installer's Qualifications:
 1. Authorized by manufacturer to install Shelters.
 2. Trained by manufacturer' standard training methods and policies.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name, manufacturer, and location of installation with detailed written instructions for installation.
- B. Storage: Store materials in a clean, dry area indoors in accordance with manufacturer's instructions.
- C. Inspect for concealed damage within 48 hours of delivery and compare manufacturer's bill of lading / packing list and report any missing items to the manufacturer within this time.

1.7 WARRANTY

- A. Warranty Period: One year starting on date of substantial completion.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. "Haven" model, 10' x 18', 10' x 24', 10' x 27', 10' x 36', 10' x 48', 12' x 18', 12' x 24', 12' x 27', 12' x 36', 12' x 48', 16' x 18', 16' x 24', 16' x 27', 16' x 36' or 16' x 48' by Duo-Gard Industries, 40442 Koppnick Road, Canton, Michigan 48187. Phone (734) 207-9700. Fax (734) 207-7995. Web Site www.duo-gard.com. E-Mail info@duo-gard.com.

- B. Substitutions must be approved ten (10) days prior to the bid date. Alternate providers must provide complete product drawings as well as proof of equivalency of the pretreatment and Tnemec finish system. Powder coating will not be an acceptable alternative. Please forward complete information, including testing information to meet ASTM requirements, for the requested finishing procedures.

2.2 Glazing

- A. Window panels shall be: 1/4" thick tempered safety glass. Panels shall be gasketed with wrap-around pvc extrusion, and secured to the framing structure with special extrusions to provide a safe weather-protective enclosure. Window color shall be: clear.
- B. Wall and roof panels shall be sealed as required to provide a water-proof barrier in compliance with Fed. Spec. II-S-001657 using ASTM C-920-79 sealants.

2.3 Fabricated Aluminum Shelters

- A. Shelters – A pre-engineered and prefabricated framed shelter(s), columns, rafters, purlin structure with roof panels, trim, flashing, fasteners and accessories needed for complete installation.
- B. The shelter framing, glazing trim and associated components shall be fabricated using 6063-T5 extruded aluminum members Fed. Spec. QQ-A-200/9C(1). 6061-T6 and 6005-T6 alloy/temper shall be used where required. Finished to match.
- C. Fasteners:
 - 1. Roof framing, accessories, amenities, wall / roof trim: stainless steel or aluminum.
 - 2. Structural/frame connections: stainless steel or aluminum.
 - 3. Anchoring: Aluminum anchor shoes with wedge anchor bolts or adhesive anchors.
 - 4. Fasteners 1/4" dia. and smaller: finished to match at factory (as req'd).
 - 5. Fasteners 5/16" dia. and larger: to remain unfinished in completed product, or painted in field.
- E. Roof sheathing/glazing shall be shall be: translucent polycarbonate structured sheet or standing seam metal (choose one).
 - 1. Translucent polycarbonate structured sheet: 8mm multi-wall polycarbonate sheet. Edges and joints to be trimmed with extruded aluminum glazing system, finished to match. Polycarbonate tint to be: clear, bronze, opal, other: _____ (choose).
 - 2. 24 gauge standing seam galvalume steel panels – color to be selected from roof color guide. Aluminum Panels, standard thickness is .032, are available in limited colors: _____ (choose).
- F. Joint Sealant:
 - 1. Factory-Applied Sealant: Gunnable, non-hardening, elastomeric sealant. ASTM C 920, Type S, Class 12, Grade NS. Fed Spec TT-S-1657, Type 1.n.
 - 2. Field-Applied Sealant: As approved by the shelter manufacturer.
- G. Field Fasteners:
 - 1. Comply with shelter manufacturer's instructions for fastener types, quantities, and usage. Substitutions are not permitted.
- H. Shelter fabrication and all components must meet Buy America Requirements.

2.4 Accessories

- A. LED Solar Lighting, or grid tied LED lighting, are available as a standard offering. Other types of light fixtures are available. Please contact the manufacturer for additional information.

2.5 COLOR AND FINISH

- A. Aluminum framework finish shall be:
 - 1. Class 1 anodized in accordance with the Aluminum Association. Color: dark bronze, or clear anodized _____ (choose).
 - 2. Powder coat painted to meet AAMA 2604 specifications. Color to be _____ (choose).

PART 3 EXECUTION

3.1 EXAMINATION

- A. When unloading you will typically need a fork lift, with fork extenders. When uncrating handle all materials carefully to avoid scratching the finish. Note any visible damage on bill of lading. Concealed damage shall be reported to the manufacturer within 48 hours of delivery.
- B. Examine areas to install shelters. Notify Architect of conditions that would adversely affect installation. Do not proceed with installation until unsatisfactory conditions are corrected.

3.2 PREPARATION

- A. Ensure location to receive shelter is clean, flat, level, plumb, square, accurately aligned, and correctly located.

3.3 INSTALLATION

- A. The manufacturer shall provide installation instructions complete with diagrams. Installation shall be performed by the manufacturer or his representative (option). The manufacturer shall guarantee the installation for a period of one (1) year, when performed by the manufacturer, from the date of acceptance.

3.4 CLEANING

- A. Clean shelters in accordance with manufacturer's instructions.
- B. Clean inside and outside of shelters immediately after installation.
- C. Do not use harsh cleaning materials or methods that would damage the metal finish or glazing.

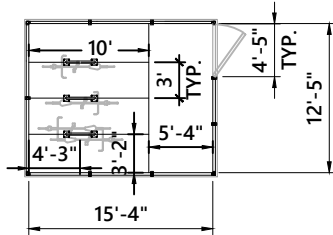
3.5 PROTECTION

- A. Protect installed shelters from damage during construction.

END OF SECTION

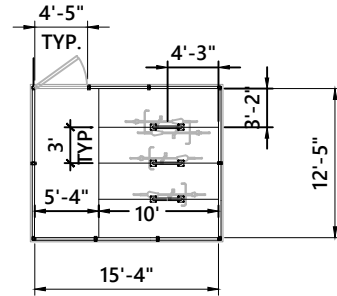
Duo-Gard "Haven" Bike Shelter

**16x13
BS 1**



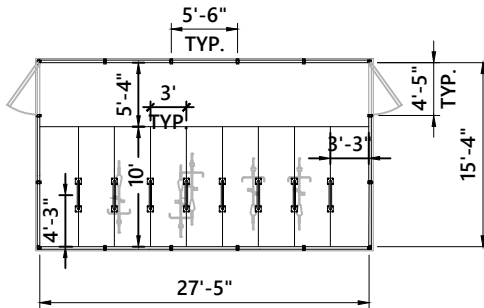
6 Bikes

**16x13
BS 3**



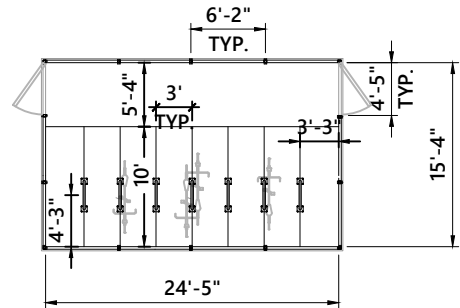
6 Bikes

**16x28
BS 2**



16 Bikes

**16x25
BS 4**



14 Bikes

Note: Building dimensions are between interior walls.

REQUIRED LONG TERM = 72

42 TOTAL + 30 (in Bldgs) = 72